

**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph [0040] with the following amended paragraph [0040].

[0040] The ball bearing of a conventional CO<sub>2</sub> pump is totally formed of stainless steel, or has only the balls formed of a ceramic but has the inner and outer rings formed of stainless steel. However, as described hereinabove, the bearing in accordance with the embodiment is a totally ceramic bearing, wherein the balls and the inner and outer rings are formed of a ceramic. In addition, the cage of the conventional bearing is guided by both sides of the outer ring, being guided by the inner peripheral surfaces on both sides in the axial direction of the outer ring. However, the cage of the bearing in accordance with the embodiment is guided by the inner ring, and more precisely, is guided by one side of the inner ring, being guided by the outer peripheral surface on one side in the axial direction of the inner ring.